

WHAT IS CLAIMED:

1. A face identification system comprising:

a robot, enabling to move to plural areas, that has a
5 face data generator 18 to generate a face data of an objective
person after acquiring a face image data of said objective
person, a face data register to register said face data to be
stored, a temporary face data storage to store said face data
as reference face data and a face identifier to identify a
10 face of said objective person by comparing said face data of
said objective person and said reference face data,
a data base to record face data of plural persons and;
a controller which sends said face data as reference face
data to said robot, wherein said face data are retrieved from
15 said data base among possible persons who have concurrent
presence in an area and time zone with said robot.

2. A face identification system according to Claim 1,

wherein said robot has a sensor to detect a position of
20 said robot and a transmitting device to send information of
said position and,

said controller has a position determiner to specify a
position of said robot using said information of said position
sent by said transmitting device.

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3. A face identification system according to Claim
1 or Claim 2,

wherein said controller specifies said possible persons,
staying in a same area as an area where said robot is present,
30 for every change of time zones which are predetermined on a
basis of planned schedules of said objective persons.

4. A face identification system according to Claim

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wherein said controller determines brightness of area where said robot stays and generates said reference face data by correcting said face data, being retrieved from said data base, with information of said brightness for every change of time zones which are predetermined on a basis of planned schedules of said objective persons.

5. A face identification system according to anyone of Claims 1, 2, 3 and 4,

wherein said robot has a sensor to detect brightness of area where said robot stays and a transmitting device to send information of said brightness to said controller and,

said controller generates a reference face data by correcting said face data, being retrieved from said data base, with information of said brightness.

6. A face identification system according to Claims 4 or Claim 5,

wherein, said data base has a record of skin tone parameters and said controller retrieves said skin tone parameters corresponding to brightness of an environment in which said robot stays from said data base and sends to said robot.

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